

Table 1 Patient and aneurysm characteristics (233 aneurysms in 212 patients)

<u>Patients</u>		
Age (years)		
Mean (\pm SD)		55.2 \pm 11.4
Gender, n (%)		
Men		79 (37.3)
Women		133 (62.7)
mRS preoperative, n (%)		
mRS \leq 2		208 (98.1)
mRS>2		4 (1.9)
<u>Aneurysms</u>		
Status, n (%)		
Unruptured		178 (76.4)
Ruptured		52 (22.3)
Recurrent		3 (1.3)
Location, n (%)		
Typical		
ACom		195 (83.7)
MCA bifurcation		68 (29.2)
ICA terminus		101 (43.3)
Basilar tip		17 (7.3)
Atypical		
ICA ophthalmic		9 (3.9)
ICA Pcom		38 (16.3)
ICA ACho		4 (1.7)
Behind A1		15 (6.5)
AICA		4 (1.7)
PICA		7 (3.0)
SCA		1 (0.4)
		4 (1.7)
		3 (1.3)
Aneurysm size (mm)*		
Mean width (Mean \pm SD)		4.5 \pm 1.3
Maximum width (Mean \pm SD)		4.8 \pm 1.4
Maximum height (Median (IQR))		4.5 (3.7-5.5)
Angle Aneurysm / Artery \geq 45°, n (%)		61 (26.2)
Wide-neck aneurysm, n (%)		226 (97.0)

Note: Continuous variables are described as mean and median (interquartile range) and categorical variables as a number (percentage). mRS= modified Rankin Score. mRS 0: No symptoms. mRS 1: No significant disability despite symptoms: able to carry out all usual duties and activities. mRS 4: Moderately severe disability: unable to walk without assistance and unable to attend to own bodily needs without assistance. mRS 6: Dead. * Mean size was calculated among 2 measures taken in 2 orthogonal plans. ICA, internal carotid artery; MCA, middle cerebral artery; ACom, anterior communicating artery; ACho, anterior choroidal artery; PCom, posterior communicating artery; AICA, antero-inferior cerebellar artery; PICA, posterior-inferior cerebellar artery; and SCA, superior cerebellar artery.

Table 3 Feasibility, Efficacy, and Safety

	Total	Unruptured and recurrent	Ruptured	p value
Baseline population, n (%)				
Aneurysms	233	181 (77.7)	52 (22.3)	
Patients	212	162 (76.4)	50 (23.6)	
WEB successful implantation, n (%)	222 (95.3)	173 (95.6)	49 (94.2)	0.71
Complications, (n (%))	36/212 (16.9)	26/162 (16.0)	10/50 (20.0)	0.52
Intraprocedural thromboembolic complication	15 (7.1)	6 (3.7)	9 (18.0)	0.001
Intraprocedural haemorrhagic complication	3 (1.4)	3 (1.8)	0 (0.0)	1
Point of puncture complication	2 (0.9)	2 (1.2)	0 (0.0)	1
Postprocedural complication	16 (7.5)	15 (9.3)	1 (2.0)	0.13
Safety at 1 month, n (%)				0.001
mRS 0	153 (72.2)	129 (79.6)	24 (48.0)	
mRS 1	29 (13.7)	19 (11.7)	10 (20.0)	
mRS 2	13 (6.1)	7 (4.3)	6 (12.0)	
mRS 3	3 (1.4)	2 (1.2)	1 (2.0)	
mRS 4	7 (3.3)	4 (2.5)	3 (6.0)	
mRS 5	3 (1.4)	1 (0.7)	2 (4.0)	
mRS 6	4 (1.9)	0 (0.0)	4 (8.0)	
Overall morbidity	8 (3.8)	3 (1.9)	5 (10.0)	0.02
Procedural-related morbidity	5 (2.4)	3 (1.9)	2 (4.0)	0.34
SAH-related morbidity	3 (1.4)	0 (0.0)	3 (6.0)	
Overall mortality	4 (1.9)	0 (0.0)	4 (8.0)	0.003
SAH-related mortality	4 (1.9)	0 (0.0)	4 (8.0)	
Safety at 12 months, n (%)	n=205*	n=156	n=49	0.37
mRS 0	154 (75.1)	127 (81.5)	27 (55.1)	
mRS 1	23 (11.2)	14 (9.0)	9 (18.4)	
mRS 2	11 (5.4)	8 (5.1)	3 (6.2)	
mRS 3	3 (1.5)	2 (1.2)	1 (2.0)	
mRS 4	5 (2.4)	4 (2.6)	1 (2.0)	
mRS 6	9 (4.4)	2 (1.2)	7 (14.3)	
Overall morbidity	4 (1.9)	2 (1.2)	2 (4.0)	0.24
Procedural-related morbidity	3 (1.4)	2 (1.2)	1 (2.0)	0.56
SAH-related morbidity	1 (0.5)	0 (0.0)	1 (2.0)	0.24
Overall mortality	9 (4.4)	2 (1.2)	7 (14.3)	0.001
Procedural-related mortality	2 (1.0)	2 (1.2)	0 (0.0)	1
SAH-related mortality	6 (2.9)	0 (0.0)	6 (12.3)	0.001
Unrelated-disease	1 (0.5)	0 (0.0)	1 (2.0)	0.24
Aneurysm occlusion at 12 months, n (%)	n=197*	n=157	n=40	0.18
Complete occlusion	133 (67.5)	108 (68.8)	25 (62.5)	
Neck remnant	37 (18.8)	31 (19.7)	6 (15.0)	
Aneurysm remnant	27 (13.7)	18 (11.5)	9 (22.5)	

Adequate occlusion	170 (86.3)	139 (88.5)	31 (77.5)	0.05
Aneurysm retreated	4 (2.0)	2 (1.3)	2 (5.0)	0.18

Categorical variables are described as number (percentage). mRS, modified Rankin Score. SAH subarachnoid hemorrhage. *See the text and figure 1 for the explications.